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ABSTRACT

The guide describes the Cluster Interest Inventory which is designed to familiarize students with the job contents of each of 13 career clusters developed by South Dakota's exemplary career education project. The bulk of the guide (16 pages) describes in detail the various career clusters with the following specificity: career cluster; job family; Dictionary of Occupational Titles code number; and the occupational title. Although the list does not cluster all occupations it does include many of the most common ones. Five pages of the guide are devoted to the Cluster Interest Inventory, a student self-interest scale. Part one is a clustered list of occupations so arranged that the student may check his career preference (like, uncertain, or dislike) and thus single out several clusters for further investigation. Part two permits students to rank their interest (high, medium, and low) in school subjects and sports and hobbies for comparison with their selections in part one. (JR)

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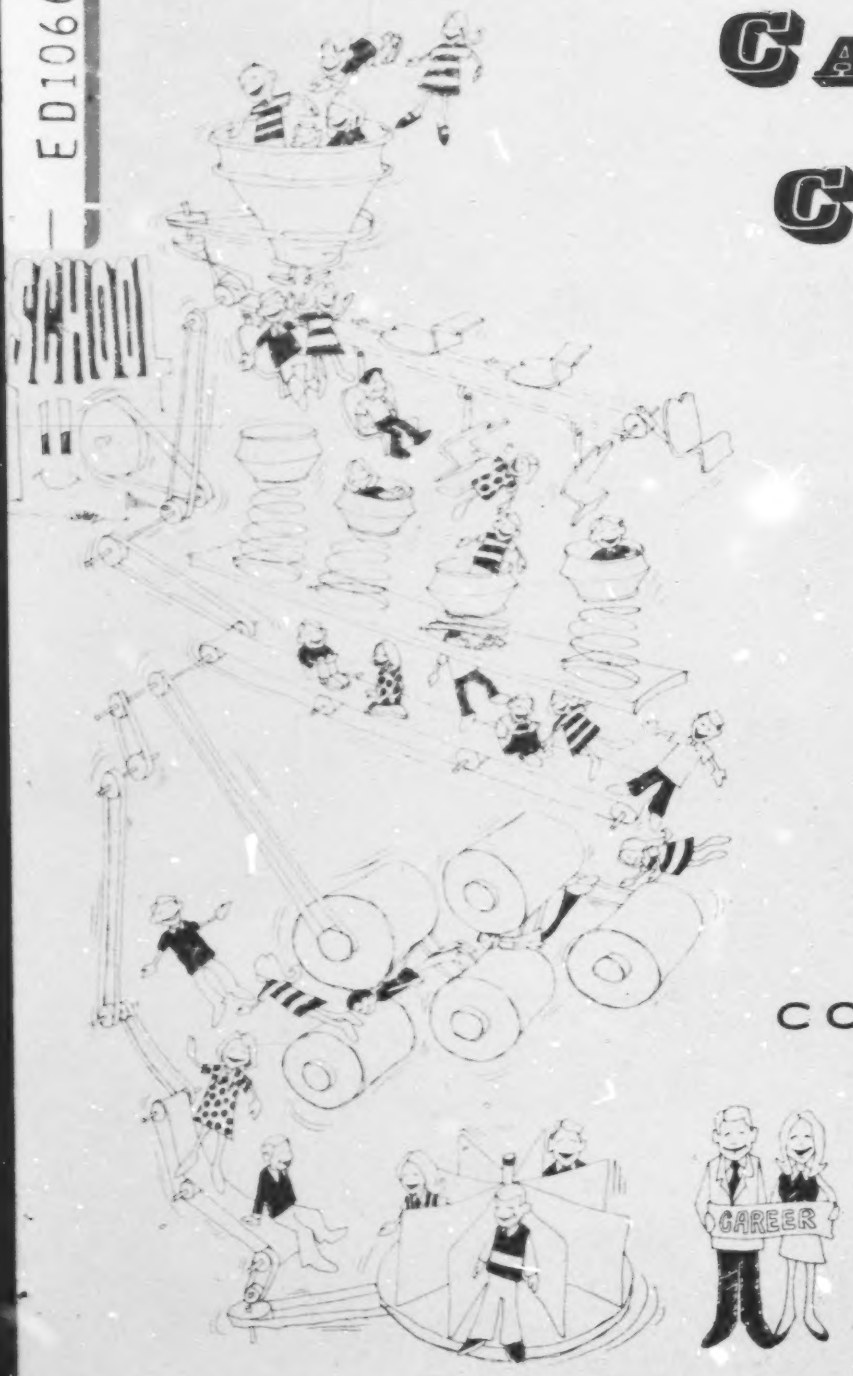
CAREER CLUSTERS



WHAT THEY ARE AND
HOW TO USE THEM

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COUNSELOR GUIDE

South Dakota Career Education

435 Tenth Avenue Northwest
Watertown, S. Dak. 57201

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CAREER CLUSTERS:

WHAT THEY ARE AND HOW TO USE THEM

Developed by Douglas Herzog
Occupational Counseling Specialist

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South Dakota Career Education
435 Tenth Avenue Northwest
Watertown, South Dakota 57201

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Today a student is confronted with more than 30,000 career possibilities as he looks toward the future. Some method must be devised to allow the student to deal with this enormous array of careers. Various classification schemes have existed for years but none of these schemes has been nationally adapted for use in our school systems.

The old method of classifying workers as white collar, blue collar, skilled, semi-skilled or unskilled no longer meets our needs. This early "caste" scheme now implies a certain lack of dignity in the work done at certain levels.

In the late 1950's and early 1960's new classification formats began to evolve as offshoots of career development theories. Holland, for example, theorized that occupations could be grouped into six environmental clusters: motoristic, intellectual, supportive, conforming, persuasive, and aesthetic. He felt that job satisfaction, stability, and achievement depend upon the extent to which an individual's personality characteristics and interests are compatible with his work environment.

Additional support for the cluster concept can be attributed to Ann Roe. She postulated that early childhood, and the family within which the child is reared, propels the child toward job environments similiar to the climate of the home. She identified eight environmental clusters: service, business contact, organizations, technology, outdoor, science, general cultural, and arts and entertainment. Although her developmental theory has not been widely accepted by curriculum developers, her job clustering format has remained as a viable classification scheme. Today, Holland's and Roe's cluster schemes or derivations of their ideas are the basis of some common interest inventories.

In 1933, the Department of Labor began extensive research in job classification. The Department began to classify all jobs according to field of work, purpose, material, product, subject matter, service and/or industry. In 1965 the Department of Labor published its third edition of the Dictionary of Occupational Titles. In this edition, all occupations have been grouped into broad categories which are then split into divisions, and then into groups. The categories used by the Department of Labor are:

1. Professional, technical and managerial occupations
2. Clerical and sales
3. Service occupations
4. Farming, fishing and forestry
5. Processing occupations
6. Machine trades
7. Bench work
8. Structural work
9. Miscellaneous

Through their job analysis efforts all jobs have been numerically coded to show the relationship between the job and data, people and things. Some interest inventories - the Ohio Vocational Interest Survey, for example - use the data-people-things relationship as the basis of the inventory.

In the late 1960's, the U.S. Office of Educatic suggested a hybrid classification scheme. It is emerging now and is commonly referred to as the career cluster concep.

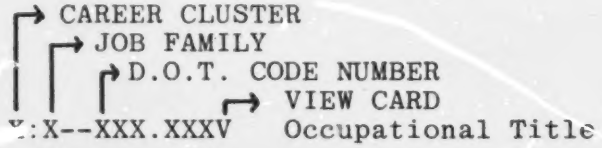
South Dakota's exemplary career education project adopted a cluster format and field-tested it in Watertown from 1970 to 1973. In this 13 cluster format, each cluster is sub-divided into job families, each family consisting of hundreds of specific occupations which require varying amounts of educational preparation. In most clusters the student will find a few jobs that require less than a high school education and some jobs which require seven or more years of post-secondary preparation. Because of the clustering of occupations students soon realize that if they are interested in a cluster, such as health, that there are many job families (dentistry, pharmacy, mental health and nursing, for example) to investigate.

While it is not possible for a student to investigate all career oportunities, it is desirable for him to concentrate his job search in high interest areas. To help the student do this we have developed the Cluster Interest Inventory. This inventory serves two purposes:

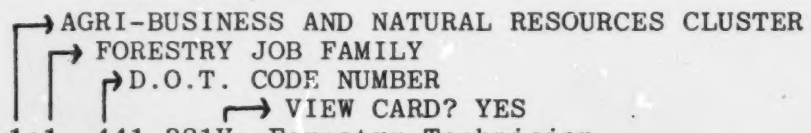
* It familiarizes each student with the content of each career cluster
* It helps each student take stock of his like or dislike of job duties representive of each cluster and job family.

This knowledge enables the student to make an in-depth investigation of clusters of high interest. The Cluster Interest Inventory is a guide that can be kept by the student to help him narrow his options. Any cluster or job family can be added or dropped as the in-depth investigation continues. To further help the student in his investigation of high interest clusters, commercial vocational information and the VIEW deck should be clustered. To assist those wishing to cluster vocational material the following directory has been prepared. While the directory does not cluster all occupations it does cluster many of the more common; hopefully this will provide the benchmarks for clustering some of the less common occupations.

The directory is set up in the following manner:



Using this format then, the directory tells us this about a forest technician.



CAREER CLUSTERS & JOB FAMILIES

1: AGRI-BUSINESS & NATURAL RESOURCES

1--FORESTRY
2--LAND & WATER MANAGEMENT
3--FISHERIES & WILDLIFE
4--MINING & QUARRYING
5--PETROLEUM & RELATED
6--PRODUCTIVE AGRICULTURE
7--AGRI-BUSINESS (MARKETING)
8--AGRICULTURAL SERVICES
9--not elsewhere classified

2: BUSINESS, MARKETING & OFFICE OCCUPATIONS

1--ACCOUNTING
2--SECRETARIAL & OFFICE
3--MANAGEMENT
4--PERSONNEL
5--FINANCE, INSURANCE & REAL ESTATE
6--MARKETING & SELLING
7--not elsewhere classified

3: COMMUNICATIONS & MEDIA

1--JOURNALISM
2--TELEPHONE & TELEGRAPH
3--MOTION PICTURES & RECORDS
4--RADIO & T.V.
5--not elsewhere classified

4: CONSUMER & HOMEMAKER

1--TEXTILES & CLOTHING
2--HOUSING & FURNISHINGS
3--FOOD & NUTRITION
4--FAMILY RELATIONS & CHILD DEVELOPMENT
5--EXTENSION SERVICE
6--not elsewhere classified

5: FINE ARTS & HUMANITIES

1--VISUAL ARTS
2--AUTHORSHIP
3--PERFORMING ARTS
4--RELIGION & THEOLOGY
5--LANGUAGE & LINGUISTICS
6--HISTORY & MUSEUMS
7--not elsewhere classified

6: HEALTH

1--MENTAL HEALTH
2--HEALTH TECHNICIANS
3--DENTISTRY
4--GENERAL HOSPITAL & CLINIC
5--COMMUNITY HEALTH SERVICES
6--PHARMACY
7--MEDICAL PROFESSIONALS
8--not elsewhere classified

7: MANUFACTURING & PROCESSING

1--MACHINE TRADES
2--ASSEMBLING
3--PROCESSING
4--not elsewhere classified

8: PERSONAL SERVICE

1--DOMESTIC SERVICES
2--LODGING & RELATED
3--BARBERING & COSMETOLOGY
4--DRYCLEANING, LAUNDRY & APPAREL
5--STEWARDS & ATTENDANTS
6--FOOD & BEVERAGE
7--not elsewhere classified

9: PUBLIC SERVICES

1--PUBLIC OFFICIALS
2--URBAN DEVELOPMENT
3--EDUCATION
4--PROTECTION & CORRECTION
5--POST OFFICE
6--PUBLIC UTILITIES
7--LABOR AFFAIRS
8--SOCIAL SERVICES
9--ARMED SERVICES
10--not elsewhere classified

10: RECREATION, TOURISM & LEISURE TIME

1--TRAVEL BUREAUS & AGENCIES
2--TOURISM
3--RECREATION
4--not elsewhere classified

11: SCIENCE, ENVIRONMENT, & ENGINEERING

1--POLLUTION & THE ENVIRONMENT
2--CHEMISTRY & PHYSICS
3--MARINE SCIENCE
4--WEATHER
5--BIOLOGY
6--ASTRONOMY
7--MATHEMATICS
8--ARCHITECTURE & ENGINEERING
9--COMPUTER SCIENCE & ELECTRONICS
10--not elsewhere classified

12: TRADES

1--WOODWORK
2--METAL WORK
3--MASONRY
4--ELECTRICAL
5--FINISHING & PAINTING
6--HEAVY EQUIPMENT
7--MECHANICS
8--SERVICEMEN & REPAIRMEN
9--not elsewhere classified

13: TRANSPORTATION

1--HIGHWAY
2--RAIL
3--AIRBORN
4--PIPELINE
5--WATER
6--not elsewhere classified

1:
AGRI-BUSINESS & NATURAL RESOURCES

1--FORESTRY

2--LAND AND WATER MANAGEMENT

3--FISHERIES AND WILDLIFE

4--MINING AND QUARRYING

5--PETROLEUM AND RELATED

6--PRODUCTIVE AGRICULTURE

7--AGRI-BUSINESS (MARKETING)

8--AGRICULTURAL SERVICES

9--not elsewhere classified

1--441.381V Forestry Technician
1--040.021V Forester
1--940.884 Logger
2--040.081V Soil Conservationist
2--040.081V Soil Conservation Aide
3--356.387V Animal Keeper
3--041.081 Fish and Wildlife Specialist
4--850.781 Miner
5--054V Petroleum and Natural Gas Occupations
6--413.131 Cattle Rancher
6--406.186V Commercial Nurseryman
6--407.884V Groundsman
6--411.181V Dairy Herdsman
6--412.884V Poultry Farm Hand
6--413.131V Cattle Ranch Foreman (Cattle Rancher)
6--421.181 Farmer
6--411.181 Dairyman
7--520.885V Feed Mill Operator
7--921.885 Elevator Man
8--469.381V Dairy Herd Tester
8--092.128 Agricultural Extension Agent
8--180.118 Agricultural Chemical Field Man
8--040.381V Seed Analyst
8--180.118 Feed Company Fieldman
8--469.368V Artificial Inseminator
8--040.081V Agronomist
9--356.381V Farrier (Horseshoer)

2:

BUSINESS, MARKETING & OFFICE OCCUPATIONS

1--ACCOUNTING

2--SECRETARIAL & OFFICE

3--MANAGEMENT

4--PERSONNEL

5--FINANCE, INSURANCE & REAL ESTATE

6--MARKETING & SELLING

7--not elsewhere classified

1--160.188V Accountant
1--210.388V Bookkeeper
1--215.388V Bookkeeping Machine Operator
1--237.368V Hospital Cashier
2--201.368V Legal Secretary
2--201.368V Secretary
2--202.388V Court Reporter
2--202.388V Stenographer
2--206.388V File Clerk
2--207.782V Offset Duplicating Machine Operator
2--209.388V Clerk Typist
2--210.368V Insurance Clerk
2--213.382V Computer Operator
2--213.582V Key-Punch Operator
2--216.388V Calculating Machine Operator
2--218.388V Ward Clerk
2--219.388V Office Clerk
2--219.388V Traffic Rate Clerk
2--223.237V Supply Man (Telephone)
2--223.388V Stock Clerk
2--223.388V Tool Clerk
2--230.878V Messenger
2--237.368V Receptionist
2--249.388V Cataloguer
2--249.388V Medical Records Clerk
2--249.588V Law Enforcement Clerk
2--249.368 Library Processing Clerk
3--168.168V Credit Manager
3--187.168V Restaurant Manager
3--185.168V Manager, Store

2:

BUSINESS, MARKETING & OFFICE OCCUPATIONS

4--165.068V Public Relations Man
4--166.118V Personnel Administrator
5--119.283V Title Examiner
5--169.188V Insurance Underwriter
5--186.168V Farm Loan Specialist
5--191.268V Credit Analyst
5--211.138V Cashier
5--189.188 Banker
5--212.368V Bank Teller
5--240.368V Bill Collector
5--241.168V Insurance Adjustor
5--249.368V Claims Clerk
5--240.258V Insurance Agent and Broker
5--250.358V Farm Real Estate Salesman
5--250.358V Real Estate Salesman
6--162.158V Buyer (Buying and Selling)
6--162.158V Purchasing Agent
6--263.258V Shoe Salesman
6--912.368V Airline Ticket Agent
6--266.258V Agricultural Chemical Sales Representative
6--274.258V Furniture Salesman
6--276.358V Building Supply Salesman
6--276.358V Hardware & Paint Supply Salesman
6--277.358V Farm Equipment Salesman
6--282.358V Veterinarian Supply Sales
6--286.358V Sporting Goods Salesman
6--290.V Retail Trade Salesworkers
6--292.358V Route Salesman (Routeman)
6--298.081V Display Man
6--299.468V Grocery Checker
6--915.867 Service Station Attendant
6--299.V
6--713.V Dispensing Optician & Optical Mechanic
6--922.877V Warehouseman
6--290.478V Sales Clerk

3:

COMMUNICATIONS & MEDIA

1--JOURNALISM

2--TELEPHONE & TELEGRAPH

3--MOTION PICTURES & RECORDS

4--RADIO & T.V.

5--not elsewhere classified

1--132.038 Editor
1--132.088V Copywriter
1--209.688 Proof Reader
1--132.268V Reporter
1--139.288V Technical Writer
1--651.V Lithography
1--972.382V Lithographic Cameraman
2--235.862V Telephone Operator
2--249.368V Telephone Service Representative
2--203.588V Teletype Operator
3--187.168 Producer
3--159.168 Director
3--152.048 Director, Music
4--159.148V Radio & T.V. Announcer
4--379.368V Radio Operator
4--957.282V Control Room Technician
4--143.062V Cameraman
5--970.381V Sign Painter (Technical Illustrator)

4:
CONSUMER & HOMEMAKER

1--TEXTILES & CLOTHING

2--HOUSING & FURNISHINGS

3--FOOD & NUTRITION

4--FAMILY RELATIONS & CHILD DEVELOPMENT

5--EXTENSION SERVICE

6--not elsewhere classified

1--297.868V Model
1--142.081V Clothes Designer
2--278.258 Home Service Representative
2--142.051 Interior Designer & Decorator
3--077.081V Dietician
4--307.878 Nursemaid
4--349.878V Child Day Care Worker
4--359.878V Nursery Director
5--096.128V Home Economist
6--306.878 Homemaker

5:
FINE ARTS & HUMANITIES

1--VISUAL ARTS

2--AUTHORSHIP

3--PERFORMING ARTS

4--RELIGION & THEOLOGY

5--LANGUAGE & LINGUISTICS

6--HISTORY & MUSEUMS

7--not elsewhere classified

1--143.062V Photographer
1--950.381 Artist
1--144.081 Cartoonist
1--144.081 Painter
1--148.081 Sculptor
1--017.218V Technical Illustrator
1--141.081V Commercial Artist
2--130.088 Poet
2--140.088 Writer
3--152.048V Musician, Instrumental
3--152.048V Popular Singer
3--150.048V Actor
3--159.058 Comedian
3--152.088 Composer
3--151.058V Dancer
4--120.108 Clergyman
5--Linguist
6--052.088V Historian
6--102.118 Museum Curator
6--055.088 Archeologist

6:
HEALTH

1--MENTAL HEALTH

2--HEALTH TECHNICIANS

3--DENTISTRY

4--GENERAL HOSPITAL & CLINIC

5--COMMUNITY HEALTH SERVICES

6--PHARMACY

7--MEDICAL PROFESSIONALS

8--not elsewhere classified

1--355.878V Psychiatric Technician
1--070.108 Psychiatrist
1--045.108V Psychologist
2--355.878V Ambulance Attendant
2--078.368V EKG Technician
2--078.368V Radiologic Technologist
2--078.381V Medical Laboratory Assistant
2--078.281V Medical Technologist
2--079.128V Occupational Therapist
2--079.368V Inhalation Therapist
2--079.368V Occupational Therapy Aide
2--079.368V Medical Assistant
2--079.378V Physical Therapist
3--072.108V Dentist
3--078.368V Dental Hygienist
3--079.378V Dental Assistant
4--079.378V Nurse, Licensed-Practical
4--355.878V Nurse Aide-Orderly
4--355.878V Orderly
4--355.878V Physical Therapy Assistant
5--075.128 Public Health Nurse
6--074.387V Pharmacy Helper
6--074.181V Pharmacist
7--070.108V Pediatrician
7--070.108V Physician
7--075.378V Registered Nurse
7--713.381V Optometrist Assistant
7--079.108V Optometrist
7--356.874V Veterinarian Assistant
7--073.108V Veterinarian
7--079.108V Chiropractor

7:
MANUFACTURING & PROCESSING

1--MACHINE TRADES

2--ASSEMBLING

3--PROCESSING

4--not elsewhere classified

1--500.380V Electroplater
1--600.280V Machine Tool Operator
1--601.280V Tool & Die Maker
1--609.885 Production Machine Operator
1--738.281V Millwright
2--726.781V Assembler, Electronics
2--806.884V Assembler-Bond
2--723.884V Assembler
3--518.381V Molder
3--610.381V Forge Shop Occupations
3--667.782 Sawmill Worker
4--78V Apparel Industry Worker
4--781.884V Garmet Cutter
4--787.782V Drapery Seamstress
4--787.782V Seamstress
4--787.782V Sewing Machine Operator
4--920.885V Packaging Worker

8:

PERSONAL SERVICE

1--DOMESTIC SERVICES

2--LODGING & RELATED

3--BARBERING & COSMETOLOGY

4--DRYCLEANING, LAUNDRY & APPAREL

5--STEWARDS & ATTENDANTS

6--FOOD & BEVERAGE

7--not elsewhere classified

1--323.887V Maid (Ward)
1--382.884V Custodian
2--242.368V Hotel Clerk
2--324.878V Bellman
3--332.271V Cosmetologist-Beauty Operator
3--330.371V Barber
4--361.884V Laundry Worker
4--372.782V Dry Cleaner
4--373.782V Presser
5--352.878V Stewardess
6--311.878V Bus Boys
6--311.878V Waiter-Waitress
6--312.878V Bartender
6--313.315V Cooks & Chefs
6--316.884V Meat Cutters
6--317.887V Kitchen Helper
6--526.781V Baker
7--187.168V Funeral Director
7--338.331V Embalmer
7--339.884V Pest Control Worker

9:
PUBLIC SERVICES

1--PUBLIC OFFICIALS

2--URBAN DEVELOPMENT

3--EDUCATION

4--PROTECTION & CORRECTION

5--POST OFFICE

6--PUBLIC UTILITIES

7--LABOR AFFAIRS

8--SOCIAL SERVICES

9--ARMED SERVICES

10--not elsewhere classified

1--051.088 Political Scientist
1--168.168V Building Inspector
1--188.118V City Managers
1--no number State & Federal Legislators
2--199.168V Urban Planner
3--092.228V Kindergarten & Elementary Teachers
3--091.118V Secondary School Teachers
3--090.168V College & University Teachers
3--045.108V School Counselor
3--099.368 Teacher Aide
4--279.168V Game Warden
4--169.168V Park Ranger
4--373.884V Firefighters
4--375.188V Policeman-Policewoman
4--372.878V Guard
4--375.268V Detective
4--375.268V Highway Patrolman
4--375.268V Juvenile Officer
4--375.388V Fingerprint Technician
4--377.868V Sheriff-Sheriff Deputy
4--195.108V Probation Officer
4--372.868V Jail Matron
4--110.108V Lawyer
4--111.108 Judge
5--232.234V Post Office Occupations
5--232.368V Postal Clerk
6--239.588V Meter Reading

9:

PUBLIC SERVICES

7--166.268 Employment Interviewer
8--045.108V Rehabilitation Counselor
8--194.108V Social Worker
8--054.088 Sociologist
9--no number Enlisted Man
9--no number Officer
10--249.368V Library Assistant
10--100.118V Librarian
10--no number V Peace Corps Volunteer
10--050.088V Economist

10:
RECREATION, TOURISM & LEISURE

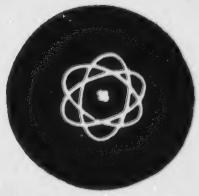
1--TRAVEL BUREAUS & AGENCIES

2--TOURISM

3--RECREATION

4--not elsewhere classified

1--237.168V Travel Agent
2--452.808 Hunting & Fishing Guide
2--353. Tourist Guide
3--159.228V Camp Counselor
3--153.348V Athlete
3--153.228 Bowling Instructor
3--195.228V Recreation Leader
3--379.868V Life Guard



11:

SCIENCE, ENVIRONMENT, & ENGINEERING

1--POLLUTION & THE ENVIRONMENT

2--CHEMISTRY & PHYSICS

3--MARINE SCIENCE

4--WEATHER

5--BIOLOGY

6--ASTRONOMY

7--MATHEMATICS

8--ARCHITECTURE & ENGINEERING

9--COMPUTER SCIENCE & ELECTRONICS

10--not elsewhere classified

1--168.287V Environmental Health Technician
2--029.381V Laboratory Assistant
2--022.081V Chemist
2--029.381V Dairy Lab Tester
2--023.081V Physicist
3--024.081 Marine Geophysicist
4--024.088V Meteorologist
5--041.081 Biologist
5--041.081 Zoologist
5--040.081 Horticulturist
5--041.081 Botanist
6--021.088 Astronomer
7--020.088 Mathematician
7--020.188 Statistician
8--001.081 Architect
8--001.281V Draftsman, Architectural
8--007.181V Draftsman, Mechanical
8--005.081V Civil Engineer
8--005.081V Engineering Aide
8--005.281V Draftsman, Civil
8--019.081V Landscape Architect
8--008.081V Chemical Engineer
9--020.188V Computer Programmers
9--003.181V Electronic Technician
10--389.884V Pest Control Worker
10--024.081 Geologist
10--029.288 Geographer

12:
TRADES

1--WOODWORK

2--METAL WORK

3--MASONRY

4--ELECTRICAL

5--FINISHING & PAINTING

6--HEAVY EQUIPMENT

7--MECHANICS

8--SERVICEMEN & REPAIRMEN

9--not elsewhere classified

1--660.280V Cabinet Maker
1--860.381V Carpenters
2--804.281V Sheet Metal Worker
2--805.131V Boilermaker
2--800.381V Structural, Ornamental & Reinforcing Iron Workers
2--810.884V Welding
2--862.381V Plumbers & Pipefitters
3--844.V Cement Mason
3--861.381V Marble Setters
3--861.381V Bricklayers
4--824.281V Electrician
4--829.281V Electrical Repairs
5--840.781V Painters & Papermakers
5--842.781V Lather (Plasterer)
5--864.781V Floor Covering Installers
5--865.781V Glazier (Glass Installer)
6--859.883V Heavy Equipment Operator
6--850.883V Operating Engineer
7--639.281V Coin Machine Mechanic
7--806.381V New Car Get-Ready
7--620.281V Automobile Mechanic
7--620.281V Motorcycle Mechanic
7--621.281V Aircraft Mechanic
7--624.281V Farm Equipment Mechanic
7--625.281V Diesel Mechanic

12:

TRADES

8--633.281V Office Machine Serviceman
8--737.281V Pump Serviceman
8--914.884V Tire Serviceman
8--720.281V Television & Radio Repairman
8--723.381V Appliance Repairman
8--365.381V Shoe Repair
8--629.281V Dairy Equipment Repairman
8--627.281V Air Conditioning & Refrigeration Mechanic
8--610.281V Instrument Repairman
8--807.381V Automotive Body Repair
8--950.782V Stationary Engineer

9--289.358V Auto Parts Man
9--018.188V Rod Chainman
9--700.281V Jeweler & Jewelry Repairman
9--715.381 Watchmaker
9--709.281V Locksmith
9--711.781V Lens Grinder
9--750.884V Tire Recapper
9--780.381V Re-Upholsterers
9--807.884V Muffler Installer
9--821.381V
9--829.381V Lineman & Cable Splicer
9--822.381V Telephone Station Installer
9--838.381V Data Equipment Installer
9--863.884V Asbestos & Insulating Workers
9--866.381V Roofer
9--899.381V Maintenance Worker
9--712.381V Dental Lab Technician
9--632.281 Gunsmith

13:
TRANSPORTATION

1--HIGHWAY

2--RAIL

3--AIR

4--PIPELINE

5--WATER

6--not elsewhere classified

1--904.883 Tractor-Trailer Truck, Driver (Long Distance)
1--905.883V Truck Driver
1--913.463V Commercial Bus Driver
1--022.883V Power Truck Operator
1--913.463V School Bus Driver
1--913.883V Ambulance Driver
1--913.878V Parking Lot Attendant
2--910.383 Locomotive Engineer
2--198V
2--910V Railroad Occupations
2--910.884V Brakeman
2--198.168 Conductor
3--193.168V Air Traffic Controller
3--106.228V Flight Instructor
3--196.283V Crop Duster
3--196.238V Helicopter Pilot
3--603.381V Airline Pilots, Co-Pilots
3--621.281V Flight Engineer
4--862.131 Foreman, Pipelines
4--914.885 Pumpman
5--911.883 Ship Captain
5--911.883 Longshoreman
5--910.883 Able Seaman

CLUSTER INTEREST INVENTORY

The Cluster Interest Inventory is designed to help you with your educational and vocational plans. Since it is important to like our job to succeed, we must be happy and interested in our work.

There are over 30,000 career possibilities in our technological society. It would be impossible to investigate all opportunities. The Cluster Interest Inventory can help you narrow these possibilities into career clusters.

The inventory will help you choose two or three clusters for further study. It is recommended that you review occupational information on jobs found in your high interest clusters. Such info is commonly found in the Occupational Outlook Handbook and on the VIEW cards.

Directions - Part I

Read and check each one of the statements carefully. If you think you would "like" to do this kind of activity, make a check ✔ under the "L"; if you "don't like" the activity, make a ✔ under the "D"; if you are not certain whether you would like the activity or not, make a ✔ under the "?".

After you have checked each activity, go back and double check ✔✔ at least three activities that you think you would most like to do.

You may check an activity even if you do not have training or experience for it, if you think you would enjoy the work. If you check the "?" this shows you are uncertain, either because you don't know enough about the activity or because you cannot make up your mind whether you like it or not.

The numbers preceding each activity refer to the number of the Job Family of which this activity is representative.

Name_____ Date_____

School_____ Class_____

L (Like) ? (Uncertain) D (Dislike)

* *

1:AGRI-BUSINESS AND NATURAL RESOURCES

L ? D

___ ___ ___ 1--manage and develop forest land
___ ___ ___ 1--saw or chop trees in a forest area
___ ___ ___ 2--administer public lands
___ ___ ___ 2--conserve water resources
___ ___ ___ 3--breed, raise and protect game animals
___ ___ ___ 4--mine minerals such as iron and coal
___ ___ ___ 5--explore for gas and oil deposits
___ ___ ___ 6--use modern methods to grow wheat, corn, or other crops
___ ___ ___ 6--raise beef or dairy cattle
___ ___ ___ 6--plant & care for flowers & shrubbery
___ ___ ___ 7--market or process agricultural products
___ ___ ___ 7--provide technical assistance to farmers or ranchers
___ ___ ___ 7--work in a grain elevator

2:BUSINESS, MARKETING & OFFICE OCCUPATIONS

___ ___ ___ 1--design & maintain a general accounting system
___ ___ ___ 2--type letters from shorthand notes
___ ___ ___ 2--operate office machines
___ ___ ___ 2--greet business clients
___ ___ ___ 3--manage a store
___ ___ ___ 33--manage a company branch office
___ ___ ___ 4--hire people to work in a factory
___ ___ ___ 5--work as a cashier or tell
___ ___ ___ 5--sell houses & real estate
___ ___ ___ 5--sell insurance
___ ___ ___ 5--sell stocks and bonds
___ ___ ___ 6--sell merchandise
___ ___ ___ 6--design window displays

3:COMMUNICATIONS & MEDIA

L ? D

___ ___ ___ 1--write for a newspaper or magazine
___ ___ ___ 1--write advertisements and slogans
___ ___ ___ 2--give information as a telephone operator
___ ___ ___ 3--produce or direct motion pictures
___ ___ ___ 3--produce records & tapes for the recording industry
___ ___ ___ 4--report the news on radio & television
___ ___ ___ 4--operate a T.V. camera

4:CONSUMER & HOMEMAKER

___ ___ ___ 1--create new clothing styles
___ ___ ___ 1--design patterns to be printed on cloth
___ ___ ___ 2--assist people decorating homes
___ ___ ___ 2--demonstrate appliances or products
___ ___ ___ 3--plan menus & diets
___ ___ ___ 3--take care of children in a nursery
___ ___ ___ 4--apply homemaking principles through extension service

5:FINE ARTS & HUMANITIES

___ ___ ___ 1--sketch or paint pictures
___ ___ ___ 1--design & carve statues
___ ___ ___ 1--work as a professional photographer
___ ___ ___ 2--write short stories or books
___ ___ ___ 3--compose or arrange music
___ ___ ___ 3--play a musical instrument
___ ___ ___ 3--sing with a professional group
___ ___ ___ 3--act in a T.V. show or motion picture
___ ___ ___ 4--conduct worship services
___ ___ ___ 5--translate foreign languages into English

L (Like) ? (Uncertain) D (Dislike)

5:FINE ARTS & HUMANITIES, CONT.

L ? D

___ 6--write a history of major world events
___ 6--help preserve historic sites

6:HEALTH

___ 1--treat patients with serious mental & emotional disturbances
___ 2--help exercise disabled people
___ 2--do medical X-ray work
___ 3--assist a dentist
___ 3--clean, fill, and extract teeth
___ 4--do general hospital work as a nurses aide
___ 5--accompany and assist an ambulance driver
___ 5--be concerned with the prevention of illness in schools, homes or industry
___ 6--dispense drugs and health supplies
___ 7--diagnose hearing difficulties
___ 7--use accepted nursing practices in treating patients
___ 7--diagnose and treat diseases & disorders of the human body

7:MANUFACTURING & PROCESSING

___ 1--operate automatic production equipment
___ 1--set up and adjust machines
___ 2--assemble auto or trucks
___ 4--work in a dairy
___ 4--sort products according to size and quality
___ 4--inspect new products
___ 4--work in a bakery
___ 5--work in a steel mill

8:PERSONAL SERVICE

L ? D

___ 1--keep buildings clean & orderly
___ 1--clean or do other housework
___ 2--welcome & register hotel or motel guests
___ 3--work in a beauty shop
___ 3--cut & shape hair, mustaches & beards
___ 4--wash, dry or dryclean garments
___ 5--serve as an airline stewardess
___ 6--bake or cook in a restaurant
___ 6--set tables & serve food or drink

9:PUBLIC SERVICE

___ 1--be elected or appointed to a public office
___ 2--research & solve urban problems
___ 3--teach school
___ 4--enforce state and national laws
___ 4--defend a person on trial
___ 4--work in a prison or detention center
___ 5--help sort or deliver mail
___ 6--work for a public utility
___ 7--help supply the labor demands of business
___ 8--work as a social worker
___ 8--work as a rehabilitation counselor
___ 9--serve as an officer or enlisted man in the service
___ 10--work in a library

10:RECREATION, TOURISM & LEISURE TIME

___ 1--provide travel information
___ 2--take people on guided tours
___ 2--plan & guide hunting & fishing trips

10: RECREATION, TOURISM & LEISURE TIME, CONT.

L ? D

___ 3--show people good camping techniques
___ 3--play professional baseball or any other sport
___ 3--teach leisure time activities such as bowling
___ 3--monitor activities in swimming areas

11: SCIENCE, ENVIRONMENT, & ENGINEERING

___ 1--use samples of air or water to determine polution levels
___ 1--prevent disease by cleaning up the environment
___ 2--make chemical or lab tests
___ 2--work as a nuclear physicist
___ 3--explore and develop ocean resources
___ 4--observe & report weather data
___ 5--study animals in a zoo or natural habitat
___ 6--study & observe the sun, moon, planets and stars
___ 7--use mathematics to solve research problems
___ 8--design modern buildings
___ 8--plan & design roads & bridges
___ 8--draft plans for tools or machines
___ 9--write a program for a computer

12: TRADES

___ 1--build frame houses & other wood structures
___ 2--fix drains & faucets
___ 2--weld metal parts together
___ 3--lay bricks on a construction job
___ 4--install electrical wiring & light fixtures
___ 5--paint & varnish
___ 6--operate heavy equipment such as bulldozers
___ 7--repair & tune auto or diesel engines
___ 8--service radio & T.V. sets
___ 8--repair small business equipment, such as calculators

12: TRADES, CONT.

L ? D

___ 8--repair refrigerators & air conditioners
___ 8--repair shoes
___ 8--repair or replace damaged upholsery
___ 9--carry & set stakes for a survey crew

13: TRANSPORTATION

___ 1--drive a truck on long hauls
___ 1--drive a commercial bus
___ 2--work as a member of a train crew
___ 2--operate a locomotive
___ 3--pilot a commercial airplane
___ 3--work in an air traffic control tower
___ 4--repair or operate pipeline transportation systems
___ 5--work aboard a tugboat or barge

(CONTINUED NEXT PAGE)

DIRECTIONS - PART II

Your interest in school subjects and your interest in sports and hobbies may also help you choose high interest clusters. Complete the following exercises and weigh this information with your likes and dislikes in Part I.

H (high interest) M (medium interest) L (little interest)

SCHOOL SUBJECTS

H	M	L		H	M	L	
_	_	_	Math	_	_	_	Agriculture
_	_	_	Foreign Languages	_	_	_	Social Studies
_	_	_	English	_	_	_	History
_	_	_	Biology	_	_	_	Geography
_	_	_	Health	_	_	_	Shop
_	_	_	Art	_	_	_	Chemistry
_	_	_	Music	_	_	_	Physics

SPORTS & HOBBIES

H	M	L		H	M	L	
_	_	_	Archeology-Indian Lore	_	_	_	Cave Exploration
_	_	_	Track-Field Sports	_	_	_	Swimming-Scuba Diving
_	_	_	Bicycling	_	_	_	Tennis
_	_	_	Bowling	_	_	_	Trap Shooting-Hunting
_	_	_	Camping-Survival	_	_	_	Reading
_	_	_	Professional Sports	_	_	_	Motorcycling
_	_	_	Fishing	_	_	_	Golf
_	_	_	Horsemanship-Rodeo	_	_	_	Arts and Crafts
_	_	_	Judo-Karate	_	_	_	Gardening
_	_	_	Sailing-Boating-Canoeing	_	_	_	Archery

NOW THAT YOU HAVE COMPLETED PARTS 1 AND 2 SELECT THREE CLUSTERS, BASED ON YOUR INTERESTS, FOR FURTHER STUDY. YOU MAY WISH TO DISCUSS YOUR INVENTORY WITH YOUR COUNSELOR BEFORE MAKING YOUR SELECTIONS.

HIGH INTEREST CLUSTERS

1. _____

2. _____

3. _____